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- (74) Agent: MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
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- (71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US): KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SCHOLL, Robert Peter [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). HILBIG, Rainer [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
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(54) Title: LOW-PRESSURE GAS DISCHARGE LAMP HAVING A MEANS FOR BINDING OXYGEN AND WATER

(57) Abstract: A low-pressure gas discharge lamp is described that comprises, in a gas discharge vessel, one or more inert gases as a buffer gas, an indium halide and means for producing and maintaining a low-pressure gas discharge, in which lamp the indium halide is present as a monohalide and present in addition is a means that binds oxygen and water. The said means should bind oxygen and the oxygen in water more strongly than indium does. This object is satisfactorily achieved by indium, gallium, germanium, boron, molybdenum and/or tungsten.

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